

# EAST Search History

10/727, 813

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(hydrogren near3 oxygen near2 fuel adj cell) and (recombination adj catalyst) and (distribution adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 07:33
S2	2	(fuel adj cell) and (recombination adj catalyst) and (distribution adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:13
S3	36329	(fuel adj cell) and (recombination adj catalyst) and (flow\$field or frame or manifold) or (gas adj diffusion adj layer) or (current adj collector) or (bipolar adj plate) or (monopolar adj plate) or (end\$plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 14:03
S4	7234	(fuel adj cell) and (recombination adj catalyst adj placement or location)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:30
S5	334	(fuel adj cell) and (recombination adj catalyst adj placement or location) and (distribution adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 10:49
S6	3	(fuel adj cell) and (recombination adj catalyst adj placement or location) and (distribution adj system) and perfluoronated	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/03 15:53
S7	60	(fuel adj cell) and (recombination adj catalyst adj placement or location) and (distribution adj system) and platinum and (oxygen or hydrogen adj distribution adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/03 15:57
S8	31	(fuel adj cell) and (recombination adj catalyst adj placement or location) and (distribution adj system) and platinum and (oxygen or hydrogen adj distribution adj system) and PEM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/03 15:57
S9	7	((("3134697") or ("4537839") or ("5235846") or ("5242764") or ("5429885") or ("6432569"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 13:00
S10	1	"911899"	EPO	OR	ON	2006/02/06 13:55
S11	2	(fuel adj cell) and (recombination adj catalyst) and (hydrogen adj distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 09:08
S12	2	(fuel adj cell) and (recombination adj catalyst) and (oxygen adj distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 07:35
S13	5	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 07:53

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S18	2	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (hydrogen near4 system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:00
S19	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (hydrogen near4 flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 10:54
S20	0	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (hydrogen near4 passage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 07:59
S21	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (hydrogen near4 distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 07:30
S22	0	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (hydrogen near4 delivery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:01
S23	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (bonding adj agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:15
S24	4	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (PTFE)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 13:13
S25	2	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (catalyst near4 surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 15:36
S26	2	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (flow adj field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 16:05
S27	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (flow\$field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:38
S29	3	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (gas adj diffusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:41
S30	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (current adj collector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:41
S31	4	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (bipolar adj plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:43

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S32	0	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (bio\$polar adj plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:44
S33	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (mono\$polar adj plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:44
S34	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (end\$plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 10:25
S35	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (end adj plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 11:20
S36	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (mani\$fold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:45
S37	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (mani\$2fold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 10:25
S38	2	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:50
S39	2	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (hydrogen\$2oxygen adj recombination)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 08:50
S40	0	("2005/0271929").URPN.	USPAT	OR	OFF	2006/02/07 08:52
S41	3	("4761216"   "4765874"   "5080963").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/07 08:54
S44	26	("2193323"   "2282058"   "3437457"   "3472747"   "3523069"   "3732157"   "3748238"   "3809630"   "3920551"   "4055291"   "4059216"   "4116807"   "4144146"   "4214969"   "4265727"   "4336124"   "4370214"   "4377615"   "4581114").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/07 08:59
S45	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (flow adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:09
S46	1	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (gas adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:09
S47	1213	(fuel adj cell) and (recombination adj catalyst near3 location or position) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:10

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S48	1213	(fuel adj cell) and (recombination adj catalyst near2 location or position) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:40
S49	1	(fuel adj cell) and (recombination adj catalyst near2 location) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:10
S50	0	(fuel adj cell) and (recombination adj catalyst near2 position) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:10
S51	0	(fuel adj cell) and (recombination adj catalyst near2 placement) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 14:27
S52	1	(fuel adj cell) and (recombination adj catalyst near2 disposed) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:13
S53	0	(fuel adj cell) and (recombination adj catalyst near2 disper\$4) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:13
S54	1	(fuel adj cell) and (recombination adj catalyst near2 disp\$6) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:13
S55	1	(fuel adj cell) and (recombination adj catalyst near2 application) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:14
S56	2	(fuel adj cell) and (recombination adj catalyst near2 appl\$5) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:29
S57	1	(fuel adj cell) and (recombination adj catalyst near5 bonding) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:15
S59	3399	Boyer.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:16
S60	1031	Greenwald.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:26
S61	431	Salinas.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:17

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S62	5	Salinas.IN. and Boyer.IN. and Greenwald.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:21
S63	5	Salinas.IN. and Andrews.IN. and Greenwald.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:21
S65	8	boyer.IN. and Murphy.IN. and Greenwald.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:25
S66	5	boyer.IN. and Murphy.IN. and Greenwald.IN. and Salinas.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:26
S68	2	Greenwald.IN. and (recombination adj catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:27
S69	2	Boyer.IN. and (recombination adj catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:27
S70	2	Murphy.IN. and (recombination adj catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:27
S71	2	Andrews.IN. and (recombination adj catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:28
S72	2	salinas.IN. and (recombination adj catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:28
S73	24	(fuel adj cell) and (recombination adj catalyst) and (gas channel or flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:43
S74	16	(fuel adj cell) and (recombination adj catalyst) and (gas adj channel or flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:38
S75	16	(fuel adj cell) and (recombination adj catalyst) and (hydrogen adj channel or flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:41
S76	16	(fuel adj cell) and (recombination adj catalyst) and (oxygen adj channel or flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:43

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S78	0	(fuel adj cell) and (recombination adj agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:39
S79	0	(fuel adj cell) and (recombination adj compound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:39
S80	1	(fuel adj cell) and (recombination adj catalyst near2 (location or position)) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:41
S81	1	(fuel adj cell) and (recombination adj catalyst) and (oxygen adj (channel or flow))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 15:02
S82	0	(fuel adj cell) and (recombination adj catalyst) and (hydrogen adj (channel or flow))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:41
S83	3	(fuel adj cell) and (recombination adj catalyst) and (gas adj (channel or flow))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:42
S84	1	(fuel adj cell) and (recombination adj catalyst) and (oxygen adj (channel or flow))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 11:43
S85	5	(recombination adj catalyst) and (proton adj exchange adj membrane) and hydrogen and oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 13:15
S86	28	(hydrogen adj adsorption) and (proton adj exchange adj membrane) and oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 13:52
S87	3	(hydrogen adj recombination) and (proton adj exchange adj membrane) and oxygen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 13:55
S88	81	(hydrogen adj recombination) and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 13:56
S89	5	(hydrogen adj recombination) and (catalyst near3 (location or position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 14:07
S90	119420	(recombination catalyst near3 surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 14:15

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S91	40770	(recombination catalyst near3 surface) and hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 14:08
S92	1335	(recombination catalyst near3 surface) and (hydrogen adj (channel or flow))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 15:19
S93	3	(recombination catalyst near3 surface) and (hydrogen adj (channel or flow)) and (perfluorinated adj sulphonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 14:11
S94	12	(recombination adj catalyst near3 surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 14:24
S95	112	(recombination adj catalyst and (on or in))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 10:01
S96	26	(hydrogen adj recombination adj catalyst and (on or in))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/07 14:25
S97	5	(hydrogen\$oxygen adj fuel adj cell) and (recombination adj (catalyst or electrode or getter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 10:55
S98	1	("4537839").PN.	USPAT; USOCR	OR	OFF	2006/02/07 15:30
S99	1	("63259970").PN.	JPO	OR	OFF	2006/02/07 15:45
S10 0	0	("0442042").PN.	EPO	OR	OFF	2006/02/07 15:56
S10 1	0	("(fueladjcell)andhydrogenand(recombinationadjcat alyst).TI.").PN.	EPO	OR	OFF	2006/02/07 15:48
S10 2	0	(fuel adj cell) and hydrogen and (recombination adj catalyst).TI.	EPO	OR	ON	2006/02/07 15:49
S10 3	3	recombination adj catalyst.TI.	EPO	OR	ON	2006/02/07 15:54
S10 4	0	"4004896"	EPO	OR	ON	2006/02/07 15:55
S10 5	310	"19901106".AD.	EPO	OR	ON	2006/02/07 16:00
S10 6	319	"19900216".AD.	EPO	OR	ON	2006/02/07 16:03
S10 7	278	"19910821".AD.	EPO	OR	ON	2006/02/07 16:16
S10 8	327	"19910822".AD.	EPO	OR	ON	2006/02/07 16:17
S10 9	371	"19921119".AD.	EPO	OR	ON	2006/02/07 16:18

## EAST Search History

S11 0	5	(hydrogen\$oxygen adj fuel adj cell) and (recombination adj (catalyst or electrode or getter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 07:15
S11 1	0	"363259970"	JPO	OR	ON	2006/02/08 07:37
S11 2	0	("363259970").PN.	USPAT; USOCR	OR	OFF	2006/02/08 07:45
S11 3	0	"3259970"	JPO	OR	ON	2006/02/08 07:44
S11 4	0	"259970"	JPO	OR	ON	2006/02/08 07:44
S11 5	1	"63259970"	JPO	OR	ON	2006/02/08 07:45
S11 6	6	"266965"	USPAT	OR	OFF	2006/02/08 09:49
S11 7	21	(hydrogen\$oxygen adj fuel adj cell) and recombination	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 13:13
S11 8	233	Winsel.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 11:41
S11 9	40	Winsel.IN. and (fuel adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 11:47
S12 0	8	Winsel.IN. and (fuel adj cell) and recombination	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 11:42
S12 1	584	(hydrogen\$oxygen adj fuel adj cell)	US-PGPUB; USPAT	OR	ON	2006/02/08 13:13
S12 2	60	(hydrogen\$oxygen adj fuel adj cell) and recombination	US-PGPUB; USPAT	OR	ON	2006/02/08 13:14
S12 3	3	("4001041"   "4041210"   "4128700").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/08 14:05
S12 4	4	"911899"	EPO; DERWENT	OR	ON	2006/02/08 14:09
S12 5	9	(fuel adj cell) and (recombination adj catalyst) and leak\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/08 14:44
S12 6	1	"60431046"	US-PGPUB; USPAT	OR	ON	2006/02/08 15:13
S12 7	1	"442042"	EPO	OR	ON	2006/02/08 15:15
S12 8	0	"4004896"	EPO	OR	ON	2006/02/08 15:15



## EAST Search History

S12 9	2	"4004896"	EPO; DERWENT	OR	ON	2006/02/08 15:15
S13 0	1	("4349613").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/08 16:23
S13 1	1	("3893870").PN.	USPAT; USOCR	OR	OFF	2006/02/09 07:57
S13 2	1	("5837158").PN.	USPAT; USOCR	OR	OFF	2006/02/09 10:58
S13 3	1	("4886048").PN.	USPAT; USOCR	OR	OFF	2006/02/09 10:43
S13 4	8	("1288722"   "2693499"   "2951106"   "3261714").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/09 08:20
S13 5	14	("3416899"   "3673281"   "3896042"   "3963826"   "3980501"   "3992561"   "4405487"   "4668424"   "4952465"   "4985471"   "5605996"   "5624598"   "5627239").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/09 08:46
S13 8	4	("3503438"   "4142509"   "4159737").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/09 09:34
S13 9	3663	proton adj exchange adj membrane	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 09:35
S14 0	219	(hydrogen\$oxygen) and (fuel adj cell) and (proton adj exchange adj membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 09:36
S14 1	4	(hydrogen\$oxygen) and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 11:24
S14 2	1	(hydrogen\$oxygen) and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic) and (recombination adj catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 09:40
S14 3	121	hydrogen and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 09:42
S14 4	16	(hydrogen near3 catalyst) and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 09:51
S14 5	1	(hydrogen near3 recombination near4 catalyst) and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 09:52
S14 6	1	2005-140917.NRAN.	DERWENT	OR	OFF	2006/02/09 09:53

## EAST Search History

S14 7	95	hydrogen and (recombination adj catalyst and (on or in))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 10:01
S14 8	1	("5242764").PN.	USPAT; USOCR	OR	OFF	2006/02/09 10:44
S14 9	2	cell and (recombination adj catalyst) and (proton adj exchange adj membrane) and (solid adj polymer adj electrolyte)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 11:02
S15 9	2	10/266965.APP.	US-PGPUB; USPAT	OR	ON	2006/02/09 11:05
S16 0	1	(hydrogen\$oxygen) and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic near3 polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 11:24
S16 1	43	hydrogen and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic near3 polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 11:37
S16 2	121	hydrogen and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 11:38
S16 3	43	hydrogen and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic adj acid adj polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 11:39
S16 4	1	hydrogen and recombination and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic adj acid adj polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 11:39
S16 5	7	hydrogen and recombina\$6 and (fuel adj cell) and (proton adj exchange adj membrane) and (perfluoronated adj sulphonic adj acid adj polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/09 11:40
S16 6	3	"3976510"	USPAT	OR	ON	2006/02/09 14:56
S16 7	1	"6428665"	USPAT	OR	ON	2006/02/09 15:10
S16 8	2	("3976510").URPN.	USPAT	OR	OFF	2006/02/09 15:03
S16 9	19	("4078893").URPN.	USPAT	OR	OFF	2006/02/09 15:04
S17 0	19	("4078893").URPN.	USPAT	OR	OFF	2006/02/09 15:11
S17 1	108	(fuel adj cell) and water and catalyst and (proton adj exchange adj membrane) and (hydrogen near4 (removal or elimination))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 15:38

## EAST Search History

S17 2	79	(fuel adj cell) and water and catalyst and (proton adj exchange adj membrane) and (hydrogen near4 (removal or elimination)) and platinum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 15:38
S17 3	5	(fuel adj cell) and water and catalyst and (proton adj exchange adj membrane) and (hydrogen near4 (removal or elimination)) and platinum and (bond\$3 near4 (agent or material))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:10
S17 4	32	(fuel adj cell) and water and catalyst and (proton adj exchange adj membrane) and (hydrogen near4 (removal or elimination)) and platinum and (bond\$3 or bind\$3) and (agent or material)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 15:43
S17 5	0	(fuel adj cell) and (recombination adj catalyst) and (proton adj exchange adj membrane) and (flow-field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 16:06
S17 6	39	(fuel adj cell) and water and catalyst and (proton adj exchange adj membrane) and (flow-field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/09 16:06
S17 7	2	((("5242764") or ("4469579")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 14:12
S17 9	16	(fuel adj cell) and (recombination adj catalyst) and platinum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/13 15:34
S18 0	1	(fuel adj cell) and (recombination adj catalyst) and platinum and gold and bond	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 08:15
S18 1	2	(fuel adj cell) and (recombination adj catalyst) and platinum and gold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/13 14:53
S18 2	6	(fuel adj cell) and (recombination adj catalyst) and platinum and tin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/13 14:56
S18 3	62	(recombination adj catalyst) and platinum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/13 15:29
S18 4	6	(recombination adj catalyst) and platinum and tin and gold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/13 15:00
S18 5	4	"660840".AP.	US-PGPUB; USPAT	OR	ON	2006/02/13 15:35
S18 6	14	(fuel adj cell) and (recombination adj catalyst) and (bond\$3 or bind\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 08:41

## EAST Search History

S187	5	(fuel adj cell) and (recombination adj catalyst) and (glue or paste or hold or fasten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 08:16
S188	24	hydrogen and (recombination adj catalyst) and (glue or paste or hold or fasten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 09:37
S189	1	(fuel adj cell) and (recombination adj catalyst) and polytetrafluoroethylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 10:55
S190	5	(fuel adj cell) and (recombination adj catalyst) and teflon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 10:58
S191	8	(fuel adj cell) and (recombination adj catalyst) and hydrophobic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 11:29
S192	8	(fuel adj cell) and (recombination adj catalyst) and PTFE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:29
S193	5	boyer.IN. and Murphy.IN. and Salinas.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:12
S194	5	Salinas.IN. and Murphy.IN. and Greenwald.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:14
S195	3	(fuel adj cell) and (recombination adj catalyst) and adhere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:41
S196	12	"911899"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:41
S197	24	(recombination adj catalyst) and polytetrafluoroethylene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:30
S198	3	("4761216"   "4765874"   "5080963").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/14 13:50
S199	15	(US-20010038939-\$ or US-20050058881-\$ or US-20050271929-\$).did. or (US-4537839-\$ or US-4761216-\$ or US-5506067-\$ or US-5563004-\$ or US-5955215-\$ or US-6265092-\$ or US-6500576-\$ or US-6953637-\$).did. or (EP-442042-\$ or EP-911899-\$).did. or (DE-2949011-\$ or EP-911899-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/02/14 16:07

## EAST Search History

S20 0	1	"6861173"	USPAT	OR	OFF	2006/02/14 16:20
S20 1	11	(fuel adj cell) and (recombination adj catalyst) and plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 09:41
S20 2	58	(recombination adj catalyst) and plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 09:41
S20 3	7	S202 and bipolar	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 11:23
S20 4	6310	"L2" and collector	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 11:24
S20 5	8	(fuel adj cell) and (recombination adj catalyst) and (current adj collector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 11:24
S20 6	12	"5429885"	USPAT	OR	ON	2006/02/15 15:23
S20 7	9	(fuel adj cell) and (recombination adj catalyst) and (mesh or screen or foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:54
S20 8	45	(recombination adj catalyst) and (mesh or screen or foam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:55
S20 9	28	(recombination adj catalyst) and (mesh or screen or foam) and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 11:28
S21 0	3	(recombination adj catalyst) and (mesh or screen or foam) and (metal\$to\$metal adj bond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 15:58
S21 1	628	Smedley.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/16 16:07
S21 2	1	"20040053085"	US-PGPUB	OR	ON	2006/02/16 16:15
S21 3	3	"09237428"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:05
S21 6	5	"6602631"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:05

## EAST Search History

S21 7	2	(fuel adj cell) and (recombination adj catalyst) and (flow adj field) and (adhesive or bond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 07:32
S21 8	15	(fuel adj cell) and (recombination adj catalyst) and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 13:51
S21 9	8	(fuel adj cell) and (recombination adj catalyst) and atmosphere and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 14:08
S22 0	2	(fuel adj cell) and (recombination adj catalyst) and atmospheric and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 14:10
S22 1	0	(fuel adj cell) and (recombination adj catalyst) and (atmospheric near2 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 14:40
S22 2	16	(fuel adj cell) and (recombination adj catalyst) and (atmospheric with2 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 14:43
S22 3	14	(fuel adj cell) and (recombination adj catalyst) and (below or under) and (atmospheric with2 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 14:52
S22 4	14	(fuel adj cell) and (recombination adj catalyst) and (below or under) and (atmospheric same2 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:35
S22 5	62	(recombination adj catalyst) and (below or under) and (atmospheric same2 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:07
S22 6	54	(recombination adj catalyst) and (below) and (atmospheric same2 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:06
S22 7	0	(fuel adj cell) and (recombination adj catalyst) and (operating near4 pressure) and (atmospher\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:36
S22 8	0	(fuel adj cell) and (recombination adj catalyst) and (operating near4 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:37
S22 9	1	(fuel adj cell) and (recombination adj catalyst) and (operating near4 condition\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:42

## EAST Search History

S23 0	0	(fuel adj cell) and (hydrogen adj getter) and (operating near4 condition\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:43
S23 1	0	(fuel adj cell) and (hydrogen adj getter) and (operating near4 pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:44
S23 2	3	(fuel adj cell) and (hydrogen adj getter) and (pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:59
S23 3	269	(fuel adj cell) and (hydrogen adj system) and (pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 15:59
S23 4	127	(fuel adj cell) and (hydrogen adj system) and (pressure) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 16:00
S23 5	6	(fuel adj cell) and (hydrogen adj system) and (pressure near3 atmosphe\$4) and (oxygen adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 16:12
S23 6	0	(fuel adj cell) and (hydrogen adj system) and pressure and (greater adj than adj atmosphe\$4) and (oxygen adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 16:13
S23 7	0	(fuel adj cell) and (hydrogen adj system) and pressure and (greater adj than adj atmospheric) and (oxygen adj system)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 16:14
S23 8	0	(fuel adj cell) and (hydrogen adj system) and pressure and (greater adj than adj atmospheric)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/21 16:14
S23 9	3	(recombination adj catalyst) and (metal\$to\$metal adj bond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:47
S24 0	3	(recombination) and (metal\$to\$metal adj bond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 15:59
S24 1	82	(metal\$to\$metal adj bond) and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:27
S24 2	0	recombination adj catalyst adj (application or disposition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:28

## EAST Search History

S24 3	14	recombination adj catalyst near4 surface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:30
S24 4	14	(recombination adj catalyst) near4 surface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:30
S24 5	0	(recombination adj catalyst) with placement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:51
S24 6	1	(recombination adj catalyst) same placement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:48
S24 7	0	(hydrogen adj catalyst) with placement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:52
S24 8	1	(water adj catalyst) with placement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:52
S24 9	1053	(water adj catalyst) and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:52
S25 0	847	(water adj catalyst) and application and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:53
S25 1	2	(water adj catalyst) and application and cell and (metal\$to\$metal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:54
S25 2	0	((water adj catalyst) with (metal\$to\$metal)) and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:55
S25 3	9	(fuel adj cell) and (recombination adj catalyst) and (adhesive or bond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 07:52
S25 4	5	(fuel adj cell) and (platinum adj (placement or application or location))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 08:19
S25 5	5	(fuel adj cell) and (palladium adj (placement or application or location))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 08:39



## EAST Search History

S25 6	1	(fuel adj cell) and ((metal\$to\$metal near4 bond) with recombination)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 08:44
S25 7	1	(fuel adj cell) and ((metal\$to\$metal near4 bond) same recombination)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 08:44
S25 8	0	(fuel adj cell) and (recombination adj catalyst) and ((hydrogen adj delivery) same pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 09:09
S25 9	52	(fuel adj cell) and catalyst and ((hydrogen adj system) same pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:12
S26 0	0	(fuel adj cell) and (recombination adj catalyst) and ((oxygen or air) near4 conduit) and ((fuel or hydrogen) near conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:14
S26 1	0	(fuel adj cell) and (recombination adj catalyst) and ((oxygen or air) near4 conduit) and ((fuel or hydrogen) near5 conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:15
S26 2	285	(fuel adj cell) and (recombination or recombina\$4) and ((oxygen or air) near4 conduit) and ((fuel or hydrogen) near5 conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:16
S26 3	267	(fuel adj cell) and (recombination or recombina\$4) and ((oxygen or air) near2 conduit) and ((fuel or hydrogen) near3 conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:16
S26 4	240	(fuel adj cell) and (recombination or recombina\$4) and ((oxygen or air) near2 conduit) and (((fuel or hydrogen) near3 conduit) same pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:17
S26 5	239	(fuel adj cell) and (recombination or recombina\$4) and (((oxygen or air) near2 conduit) same pressure) and (((fuel or hydrogen) near3 conduit) same pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:17
S26 6	239	(fuel adj cell) and (recombination or recombina\$4) and (((oxygen or air) near2 conduit) same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:18
S26 7	0	(fuel adj cell) and (recombination or recombina\$4) and (((oxygen or air) near2 conduit) same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) same (great\$2 or more adj than) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:19
S26 8	0	(fuel adj cell) and (recombination or recombina\$4) and (((oxygen or air) near2 conduit) same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and ((great\$2 or more) adj than) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:19

## EAST Search History

S26 9	0	(fuel adj cell) and (recombination or recombination\$4) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and (greater adj than) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:20
S27 0	0	(fuel adj cell) and (recombination or recombination\$4) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and (more adj than) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:20
S27 1	239	(fuel adj cell) and (recombination or recombination\$4) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:29
S27 2	0	(fuel adj cell) and ((recombination or recombination\$4) near catalyst) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:22
S27 3	0	(fuel adj cell) and ((recombination or recombination\$4) near4 catalyst) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:22
S27 4	1	(fuel adj cell) and ((recombination or recombination\$4) same catalyst) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:38
S27 5	0	(electrochemical adj cell) and (recombination or recombination\$4) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:29
S27 6	1	(electrochemical) and (recombination or recombination\$4) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 11:43
S27 7	240	(recombination or recombination\$4) and (((oxygen or air) near2 conduit)same pressure) and (((fuel or hydrogen) near3 conduit) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 12:24
S27 8	4	(recombination or recombination\$4) and (((oxygen or air) near2 channel)same pressure) and (((fuel or hydrogen) near3 channel)s) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:30
S27 9	0	(recombination or recombination\$4) and (((oxygen or air) near2 passageway)same pressure) and (((fuel or hydrogen) near3 passageway)s) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:31
S28 0	0	(recombination or recombination\$4) and (((oxygen or air) near2 passage\$way)same pressure) and (((fuel or hydrogen) near3 passage\$way)s) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:31

## EAST Search History

S28 1	0	(recombination or recombination\$4) and (((oxygen or air) near2 passage\$)same pressure) and (((fuel or hydrogen) near3 passage\$) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:31
S28 2	0	(recombination or recombination\$4) and (((oxygen or air) near2 path\$)same pressure) and (((fuel or hydrogen) near3 path\$) same pressure) and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:34
S28 3	0	(recombination or recombination\$4) and (((oxygen or air) near2 path\$)same pressure) and ((fuel or hydrogen) near3 path\$) and pressure and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:37
S28 4	0	(recombination or recombination\$4) and (((oxygen or air) near2 path\$) same pressure) and ((fuel or hydrogen) near3 path\$) and pressure and atmosphere and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:37
S28 5	2	(fuel adj cell) and ((recombination or recombination\$4) same catalyst) and ((oxygen or air) near2 conduit) and ((fuel or hydrogen) near3 conduit) and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:44
S28 6	3	cell and ((recombination or recombination\$4) same catalyst) and ((oxygen or air) near2 conduit) and ((fuel or hydrogen) near3 conduit) and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:54
S28 7	7	((recombination or recombination\$4) same catalyst) and ((oxygen or air) near2 conduit) and ((fuel or hydrogen) near3 conduit) and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:57
S28 8	4	((recombination or recombination\$4) same catalyst) and ((oxygen or air) near2 conduit) and ((fuel or hydrogen) near3 conduit) and pressure and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:59
S28 9	7	((recombination or recombination\$4) same catalyst) and (oxygen near4 conduit) and (hydrogen near4 conduit) and pressure and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 14:07
S29 0	11	((recombination or recombination\$4) same catalyst) and (oxygen near4 channel) and (hydrogen near4 channel) and pressure and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 14:38
S29 1	171	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and pressure and atmosphere	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 14:38
S29 2	127	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and pressure and atmosphere and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 09:28
S29 3	101	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and pressure and atmosphere and cell and less	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 15:50

## EAST Search History

S29 4	1863668	"200"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 15:50
S29 5	2	"20030162074"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 09:21
S29 6	2	"20030022044"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 16:03
S29 7	2	"6986962"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 07:35
S29 8	71	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and (operat\$3 same pressure) and atmosphere and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 10:43
S29 9	225	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and (operat\$3 same pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 10:43
S30 0	85	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and (operat\$3 same pressure) and (pressure near4 (above or great\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 10:45
S30 1	85	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and (operat\$3 same pressure) and (pressure near4 (above or great\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 11:29
S30 2	48	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and (operat\$3 same pressure) and (pressure near4 (below or less\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 12:09
S30 3	36	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and (operat\$3 same pressure) and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 14:11
S30 4	28	(oxygen near4 passage\$) and (hydrogen near4 passage\$) and (operat\$3 same reduced same pressure) and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 14:12
S30 5	3	(fuel adj cell) and (flow\$field) and catalyst and (adhesive adj bond) and (plate or collector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:36
S30 6	1	(fuel adj cell) and (flow\$field) and catalyst and (conductive adj adhesive adj bond) and (plate or collector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:37

## EAST Search History

S30 7	1	(fuel adj cell) and (flow near2 field) and catalyst and (conductive adj adhesive adj bond) and (plate or collector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:38
S30 8	4	(fuel adj cell) and (flow near2 field) and (conductive adj adhesive adj bond) and (plate or collector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:38